

VI. DAFTAR PUSTAKA

- Alianto, R. 2015. Gambaran Histopatologi Karsinoma Hepatoseluler. *CDK-229*. 42(6):440-444.
- Asian American Liver Centre (AALC). 2015. *Kanker Hati Primer*. <https://www.aamg.co/liver/id/halth-information-resources/hati/kanker-hati-primer/> diakses pada: 26 Februari 2020.
- Brady, C. W. 2015. Liver Disease in Menopause. *World Journal of Gastroenterology*. 21(25):7613-7620.
- Budhiarta, D. M. F. 2017. Penatalaksanaan dan Edukasi Pasien Sirosis Hati dengan Varises Esofagus di RSUP Sanglah Denpasar tahun 2014. *Intisari Sains Medis 2017*. 8(1):19-23.
- Chedid, M. F., Krueel, C. R. P., Pinto, M. A., Grezzana-Filho, T. J. M., Leipnitz, I., Krueel, C. D. P., Scaffaro, L. A., Chedid, A. D. 2017. Hepatocellular Carcinoma: Diagnosis and Operative Management. *ABCD Arq Bras Cir Dig*. 30(4):272-278.
- Chen, L., Zhao, H., Yang, X., Gao, J. Y., Cheng, J. 2014. HBsAg-negative Hepatitis B Virus Infection and Hepatocellular Carcinoma. *Discovery Medicine*. 18(99):189-193.
- Chen, T. Y., Li, Y. C., Liu, Y. F., Tsai, C. M., Hsieh, Y. H., Lin, C. W., Yang, S. F., Seng, C. J. 2011. Role of MMP14 Gene Polymorphisms in Susceptibility and Pathological Development to Hepatocellular Carcinoma. *Annals of SURGICAL ONCOLOGY*. 18(1):2348-2356.
- Chun, T. H., Inoue, M., Morisaki, H., Yamanaka, I., Miyamoto, Y., Okamura, T., Sato-Kusubata, K., Weiss, S. J. 2010. Genetic Link Between Obesity and MMP14-Dependent Adipogenic Collagen Turnover. *Diabetes*. 59(1):2484-2494.
- Di, D., Chen, L., Guo, Y., Wang, L., Wang, H., Ju, J. 2018. Association of BCSC-1 and MMP-14 with Human Breast Cancer. *Oncology Letters*. 1(1):5020-5026.
- Ding, B. S., Nolan, D. J., Guo, P., Babazadeh, A. O., Cao, Z., Rosenwaks, Z., Crystal, R. G., Simons, M., Sato, T. N., Worgall, S., Shido, K., Rabbany, S. Y., Rafii, S. 2011. Endotelial-derived Inductive Angiocrina Signals Initiate and Sustain regenerative Lung Alveolarization. *NIH Public Access*. 147(3):539-553.
- Duan, F., Peng, Z., Yin, J., Yang, Z., Shang, J. 2020. Expression of MMP-14 and Prognosis in Digestive System Carcinoma: a Meta-analysis and Database Validation. *Journal of Cancer*. 11(5):1141-1150.
- Giard, J. M., Terrault, N. A. 2016. Women with Cirrhosis: Prevalence, Natural History, and Management. *Gastroenterol Clin N Am*. 45(1):345-358.

- Gumilas, N. S. A., Harini, I. M., Ernawati, D., A., Indriani, V. 2019. Kajian Marka ApoA1 untuk Deteksi Dini Perkembangan Sirosis Hepatis menuju Karsinoma Hepatoseluler. *Laporan Akhir Riset Peningkatan Kompetensi*. Fakultas Kedokteran. Universitas Jenderal Soedirman, Purwokerto. 22 hal. (Tidak dipublikasikan)
- Hijjah, F., Yaswir, R., Syah, N. A. 2017. Gambaran Jumlah Trombosit Berdasarkan Berat Ringannya Penyakit pada Pasien Sirosis Hati dengan Perdarahan di RSUP Dr. M. Djamil Padang. *Jurnal Kesehatan Andalas*. 6(3):609-614.
- HUGO Gene Nomenclature Committee (HGNC). 2020. *Symbol Report for MMP14*. HGNC. https://www.genenames.org/data/gene-symbol-report/#!/hgnc_id/HGNC:7160/ diakses pada: 30 Juni 2020.
- Huszno, J., Grybowska, E. TP53 Mutation and SNPs as prognostic and Predictive Factors in Patients With Breast Cancer (Review). *Oncology letters*. 16(1):34-40.
- Izak, M., Bussel, J. B. 2014. Management of Thrombocytopenia. *F1000 Prime Reports*. 6(45):1-10.
- Johannsen, W. 2014. The Genotype Conception of Heredity. *International Journal of Epidemiology*. 43(4):989-1000.
- Juliarta, I. G., Mulyantari, N. K., Yasa, I. W. P. S. 2018. Gambaran Hepatotoksisitas (ALT/AST) Penggunaan Obat Anti Tuberkulosis Lini Pertama Dalam Pengobatan Pasien Tuberkulosis Paru Rawat Inap di RSUP Sanglah Denpasar Tahun 2014. *E-Jurnal Medika*. 7(10):1-10.
- Karic, U., Pesic-Pavlovic, I., Stevanovic, G., Korac, M., Nikolic, N., Radovanovic, A., Barac, A., Mitrovic, N., Markovic, A., Markovic, M., Petkovic, A., Ostojic, I., Perunicic, S., Kekic, N., Glidic, M., Donin-Nenezic, M., Brmbolic, B., Milosevic, I. 2018. FIB-4 and APRI Scores for Predicting Severe Fibrosis in Chronic Hepatitis C- a Developing Country's Perspective in DAA Era. *The Journal of Infection in Developing Countries (JIDC)*. 12(3):178-182.
- Kementerian Kesehatan RI. 2009. *Keputusan Menteri Kesehatan Republik Indonesia tentang Sistem Kesehatan Nasional No. 374/MENKES/SK/2009*. <https://www.kemkes.go.id/> diakses pada: 10 April 2020.
- Kementerian Kesehatan RI. 2019. Hasil Utama RISKESDAS 2018. *Balitbangkes* (online). Vol 1 : 071118. <http://www.depkes.go.id/resources/download/info-terkini/hasil-riskesdas-2018.pdf> diakses 9 Juni 2020.
- Kendran, A. A. S., Arjana, A. A. G., Pradnyantari, A. A. S. I. 2017. Aktivitas Enzim Alanine-Aminotransferase dan Aspartate Aminotransferase pada Tikus Putih Jantan yang diberi Ekstrak Buah Pinang. *Buletin Veteriner Udayana*. 9(2):132-138.

- Kim, J. H., Lee, M., Park, S. W., Kang, M., Kim, M., Lee, S. H., Kim, T. S., Park, J. M., Choi, D. H. 2018. Validation of Modified Fibrosis-4 Index for Predicting Hepatocellular Carcinoma in Patients with Compensated Alcoholic Liver Cirrhosis. *Medicine*. 97(48):1 – 8.
- Lai, Q., Vitale, A., Manzia, T. M., Foachi, F. G., Sandri, G. B. L., Gambato, M., Melandro, F., Russo, F. P., Miele, L., Vigano, L., Burra, P., Giannini, E. G. 2019. Platelets and Hepatocellular Cancer: Bridging the Bench to the Clinics. *Cancer*. 11(1568):1-22.
- Li, C., Jin, X. P., Zhu, M., Chen, Q. L., Wang, F., Hu, X. F., Wang, W. F., Li, W. L., Zhu, F., Zheng, Z. 2014. Positive Association of MMP14 Gene Polymorphism with Vulnerable Carotid Plaque Formation in a Han Chinese Population. *Scandinavian Journal of Clinical & Laboratory Investigation*. 74(1):248-253.
- Li, T., Qin, L. X., Gong, X., Zhou, J., Sun, H. C., Qiu, S. J., Ye, Q. H., Wang, L., Fan, J. 2013. Hepatitis B Virus Surface Antigen-Negative and Hepatitis C Virus Antibody-Negative Hepatocellular Carcinoma. *Cancer*. 119(1):126-135.
- Linn, F., Hallstrom, B. M., Oksvold, P., Kampf, C., Djureinovic, D., Odeberg, J., Habuka, M., Tahmasebpour, S., Danielsson, A., Edlund, K., Asplund, A., Sjostedt, E., Lundberg, E., Szigartyo, C. A. K., Skogs, M., Takanen, J. O., Berling, H., Tegel, H., Mulder, J., Nilsson, P., Schwenk, J. M., Lindsko, C., Danielsson, F., Mardinoglu, A., Sivertsson, A., Feilitzen, K. V., Forsberg, M., Zwahlen, M., Olsson, I. M., Navani, S., Huss, M., Neilsen, J., Ponten, F., Uhlen, M. 2014. Analysis of the Human Tissue-specific Expression by Genome-wide Integration of Transcriptomics and Antibody-based Proteomics. *Molecular & Cellular Proteomics*. 13(2):397-406.
- Llovet, J. M., Zucman-Rossi, J., Pikarsky, E., Sangro, B., Schwartz, M., Sherman, M., Gores, G. 2016. Hepatocellular Carcinoma. *Nature Reviews Disease Primers*. 2(16018):1-23.
- Mahyudin, F. 2017. *Diagnosis dan Terapi Tumor Muskuloskeletal (Multidisciplinary Approach)*. Sagung Seto, Jakarta.
- Matullo, G., Guarrera, S., Betti, M., Fiorito, G., Ferrante, D., Voglino, F., Cadby, G., Gaetano, C. D., Rosa, F., Russo, A., Hirvonen, A., Casalino, E., Tunesi, S., Padoan, M., Giordano, M., Aspesi, A., Casadio, C., Ardisson, F., Ruffini, E., Betta, P. G., Libener, R., Guaschino, R., Piccolini, E., Neri, M., Musk, A. W. B., Klerk, N. H. D., Hui, J., Beilby, J., James, A. L., Creaney, J., Robinson, B. W., Mukherjee, S., Palmer, L. J., Mirabelli, D., Ugolini, D., Bonassi, S., Magnani, C., Dianzani, I. 2013. Genetic Variants Associated with Increased Risk of Malignant Pleural Mesothelioma: A Genome-Wide Association Study. *One Plus*. 8(4):1-11.
- Masuzaki, R., Kanda, T., Sasaki, R., Matsumoto, N., Ogawa, M., Matsuoka, S., Karp, S. J., Moriyama, M. 2020. Noninvasive Assessment of Liver Fibrosis: Current and Future Clinical and Molecular Perspectives. *International Journal of Medical Sciences*. 21(4906):1-18.

- National Center for Biotechnology Information (NCBI). 2020. *MMP14 Matrix Metalloproteinase 14 [Homo sapiens (human)]*. NCBI, Rockville Pike. <https://www.ncbi.nlm.nih.gov/gene?Db=gene&Cmd=DetailsSearch&Term=4323/> diakses pada: 30 Juni 2020.
- Newsome, P. N., Cramb, R., Davidson, S. M., Dillon, J. F., Foulertom, M., Godfrey, E. M., Hall, R., Harrower, U., Hudson, M., Langford, A., Mackie, A., Mitchell-Thain, R., Sennett, K., Sheron, N. C., Verna, J., Walmsley, M., Yeoman, A. 2018. Guidelines on the Management of Abnormal Liver Blood Test. *Gut*. 67(1):6-19.
- Ng, K. J., Tseng, C. W., Chang, T. T., Tzeng, S. J., Hsieh, Y. H., Hung, T. H., Huang, H. T., Wu, S. F., Tseng, K. C. 2016. Aspartate Aminotransferase to Platelet Ratio Index and Sustained Virologic Response are Associated with Progression from Hepatitis C Associated Liver Cirrhosis to Hepatocellular Carcinoma After Treatment with Pegylated Interferon Plus Ribavirin. *Dovepress*. 11(1):1035-1041.
- Nojiri, S., Fujiwara, K., Shinkai, N., Endo, M., Joh, T. 2014. Evaluation of Hepatocellular Carcinoma Development in Patients with Chronic Hepatitis C by EOB-MRI. *World Journal of Hepatology*. 6(12):930-938.
- Noviyani, R., Budiana, I. N. G., Indrayathi, P. A., Niruri, R., Tunas, I. K. 2016. Perbedaan Fungsi Ginjal, Hati, dan Darah pada Pasien Kanker Serviks dengan Kemoterapi Bleomisin, Oncovin, Mitomisin, dan Karboplatin (Studi Kasus di RSUP Sanglah Denpasar Tahun 2015). *Jurnal Farmasi Klinik Indonesia*. 5(4):269-277.
- Pavlovic, N., Rani, B., Gerwins, P., Hendryckx, F. 2019. Platelets as Key Factors in Hepatocellular Carcinoma. *Cancer*. 11(1022):1-17.
- Pranawaty, R. N., Buwono, I. D., Liviawaty, E. 2012. Aplikasi Polymerase Chain Reaction (PCR) Konvensional dan Real Time PCR untuk Deteksi White Spot Syndrome Virus pada Kepiting. *Jurnal Perikanan dan Kelautan*. 3(4):61-74.
- Promega. 2018. Technical Manual GoTaq® qPCR Master Mix Instruction for Use of Products A6001 and A6002. *Promega Corporation*, Madison.
- Promega. 2019. Technical Manual Wizard® Genomic DNA Purification Kit Instruction for Use of Products A1120, A1123, A1125 and A1620. *Promega Corporation*, Madison.
- Rafaat, N., Mossad, H., Emam, W., Galal, S. M., El-Gerby, K. M., Elnaggar, Y. 2015. Possible Relationship between Matrix Metalloproteinases Genotyping and Risk of Hepatocellular Carcinoma in HCV Infected Patients. *International Journal of Biochemistry Research & Review*. 8(3):1-11.
- Rosida, A. 2016. Pemeriksaan Laboratorium Penyakit Hati. *Berkala Kedokteran*. 12(1):123-131.

- Safithri, F. 2018. Mekanisme Regenerasi Hati secara Endogen pada Fibrosis Hati. *Magna Medica Jurnal Berkala Ilmiah Kedokteran dan Kesehatan*. (4):9-26.
- Seipalla, G. E., Nurahmi, Samad, I. A. 2020. Analysis of Liver Fibrosis Degree with APRI Score and FIB-4 Index on Patients with Non-Alcoholic Fatty Liver Disease. *Indonesian Journal of Clinical Pathology and Medical Laboratory*. 26(2):158-161.
- Shi, L., Feng, Y., Lin, H., Ma, R., Cai, X. 2014. Role of Estrogen in Hepatocellular Carcinoma: Is Inflammation the key?. *Journal of Translational Medicine*. 12(93):1-9.
- Siregar, G. A. 2011. Penatalaksanaan Non Bedah dari Karsinoma Hati. *Universa Medicina*. 24(1):35-42.
- Sudoyo, A. W., Bambang, S., Idrus, A., Marcellus, S. K., Siti, S. 2014. *Buku Ajar Ilmu Penyakit Dalam Ed. VI*. Interna Publishing, Jakarta.
- Suh, B., Park, S., P., Shin, D. W., Yun, J. M., Yang, H. K., Yu, S. J., Shin, C. I., Kin, J. S., Ahn, E., Lee, H., Park, J. H., Cho, B. L. 2015. High Liver Fibrosis Index FIB-4 is Highly Predictive of Hepatocellular Carcinoma in Chronic Hepatitis B Carriers. *Hepatology*. 61(4):1261-1268.
- Tran, T. B., Worhunsky, D. J., Spain, D. A., Dua, M. M., Visser, B. C., Norton, J. A., Poultides. 2016. The Significance of Undelying Cardian Comorbidity on Major Adverse Cardiac Events After Major Liver Resection. *HPB*. 18(1):742-747.
- Villanueva, A. 2019. Review : Hepatocellular Carcinoma. *N Engl J Med*. 380(1):1450-1462.
- Wahyuni, R. D. 2016. Analisis Derajat Fibrosis Hati dengan Fibroscan, Indeks FIB4, *King's score* dan *APRI Score* pada Penyakit Hepatitis Kronis. *Jurnal Kesehatan Tadulako*. 2(2):1-72.
- Waller, L. P., Deshpande, V., Pyrsopoulos, N. 2015. Hepatocellular carcinoma: A comprehensive review. *World J Hepatology*. 7(26):2648-2663.
- Weng, C. J., Chen, M. K., Lin, C. W., Chung, T. T., Yang, S. F. 2012. Single Nucleotide Polymorphisms and Haplotypes of MMP14 are Associated With The Risk and Pathological Development of Oral Cancer. *Surgicaloncology*. 19(1):S319-S327.
- Wille, K., Parvis, S., Griesshammer, M. 2017. Thrombocytosis and Thrombocytopenia – Cause and Clinical Significance. *Deutsche Medizinische Wochenschrift*. 142(23):1732-1743.
- WHO. 2010. *The World Health Report 2010*. <https://www.who.int/whr/2010/en/> diakses pada: 26 Februari 2020.
- WHO. 2019. *Tubuh Tembakau*. World Health Organization 2019. WHO/NMH/PND/19.1.

- Wong, M. C. S., Huang, J. L. W., George, J., Leung, C., Eslam, M., Chan, H. L. Y., Ng, S. C. 2018. The Changing Epidemiology of Liver Disease in the Asia-Pacific Region. *Nature Review: Gastroenterology & Hepatology*. 16(1):57-73.
- Wu, E. M., Wong, L. L., Hernandez, B. Y., Ji, J. F., Jia, W., Kwee, S. A. 2018. Gender Differences in Hepatocellular Cancer: Disparities in Nonalcoholic Fatty Liver Disease / Steatohepatitis and Liver Transplantation. *Hepatoma Res*. 4(1):1-17.
- Xiao, G., Yang, J., Yan, L. 2015. Comparasion of Diagnostic Accuracy of Aspartate Aminotransferase to Platelet Ratio Index and Fibrosis-4 Index for Detecting Liver Fibrosis in Adult Patients With Chronic Hepatitis B Virus Infection: A Systemic Review and Meta-analysis. *Hepatology*. 61(1):292-302.
- Yang, H. J., Jiang, J. H., Yang, Y. T., Guo, Z., Li, J. J., Liu, X. H., Lu, F., Zeng, F. H., Ye, J. S., Zhang, K. L., Chen, N. Z., Xiang, B. D., Li, L. Q. 2017. Stratified Aspartate Aminotransferase-to-Platelet Ratio Index Accurately Predicts Survival in Hepatocellular Carcinoma Patients Undergoing Curative Liver Resection. *Tumor Biology*. 39(3):1-9.
- Yeh, Y. C., Sheu, B. S. 2014. Matrix Metalloproteinases and Their Inhibitors in The Gastrointestinal Cancers: Current Knowledge and Clinical Potential. *Dovepress*. 1(1):3-13.
- Yi, S. W., Choi, J. S., Yi, J. J., Lee, Y. H., Han, K. J. 2018. Risk Factors for Hepatocellular Carcinoma by Age, Sex, and Liver Disorder Status: A Prospective Cohort Study in Korea. *Cancer*. 124(13):2748-2757.
- Yulianti, Y., Rachmawati, B. 2016. RDW, Jumlah Trombosit dan RPR dengan Indeks FIB-4 di Hepatitis C. *Indonesian Journal of Clinical Pathology and Medical Laboratory*. 22(2):147-150.
- Zamor, P. J., deLemos, A. S., Russo, M. W. 2017. Viral Hepatitis and Hepatocellular Carcinoma: Etiology and Management. *Journal of Gastrointestinal Oncology*. 8(2):229-242.
- Zarrabi, K., Dufour, A., Li, J., Kuscus, C., Pulkoski-Gross, A., Zhi, J., Hu, Y., Sampson, N. S., Zucker, S. 2011. Inhibition of Matrix Metalloproteinase 14 (MMP-14) – mediated Cancer Cell Migration. *Journal of Biological Chemistry*. 286(38):33167-33177.
- Zhang, Y., Wang, R., Yang, X. 2018. FIB-4 Index Serves as a Noninvasive Prognostic Biomarker in Patients with Hepatocellular Carcinoma. *Medicine*. 97(51):1-7.
- Zhu, R. X., Seto, W. K., Lai, C. L., Yuen, M. F. 2016. Epidemiology of Hepatocellular Carcinoma in the Asia-Pacific Region. *Gut and Livers*. 10(3):332-339.